

ABB AC 800PEC

Product Data Sheet

3BHE012049R0101 UF D128 A101

optical module

FUNCTION optical module	FAMILY ABB AC 800PEC	ORIGIN Switzerland	WEIGHT 1.32 kg
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ABB AC 800PEC 3BHE012049R0101 UF D128 A101 is a optical module for the ABB AC 800PEC. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Operating Voltage	24 Vdc ($\pm 10\%$).
Data Rate	100 Mbps
Operating Temperature	-40°C to +70°C
Humidity	5–95% non-condensing
Exact Article Code	3BHE012049R0101 UF D128 A101
Board Designation	UF D128 A101
Product Family	ABB AC 800PEC
Component Type	Optical Module
Assembly Class	ABB PCB assembly
System Interface	ABB AC 800PEC control interface

ADDITIONAL PRODUCT DATA

Control Supply	Documented rack control supply
Connector Interface	Keyed ABB board connectors
Installation Format	Plug-in control board
Signal Domain	Control and diagnostic signals
Service Position	Documented rack slot

OFFICIAL APPLICATIONS

- Operate the documented optical module: Use 3BHE012049R0101 UF D128 A101 only in the ABB AC 800PEC equipment position identified by the installed hardware list. Match the complete ABB article code, board designation and electrical interface before work begins.
- Restore every recorded connection: Photograph connector keying, terminal references, cable routing, protective earth and adjacent assemblies for 3BHE012049R0101 UF D128 A101. Reconnect the documented interface without changing the approved cabinet arrangement.
- Validate diagnostics before release: After installing 3BHE012049R0101 UF D128 A101, check power-up indications, controller or converter diagnostics and the affected control function. Record measured results and maintenance acceptance before returning the equipment to service.

SYSTEM COMPATIBILITY

Match 3BHE012049R0101 UF D128 A101 to the installed ABB AC 800PEC, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[ABB AC 800PEC documentation](#)

<https://new.abb.com/control-systems>

AMIKON PRODUCT SUPPORT

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